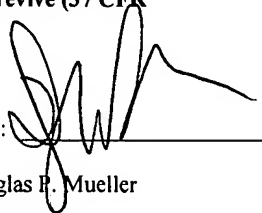


|  |  |   |  |
|--|--|---|--|
| FORM PTO-1390<br>(REV 10-94)   |  | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER<br>10873.1684USWO                                     |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |  |   | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)<br>Unknown <b>10/532888</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/013677   | INTERNATIONAL FILING DATE<br>27 October 2003 | PRIORITY DATE CLAIMED<br>28 October 2002                |  |
| TITLE OF INVENTION<br>CASE   |  |   |  |
| APPLICANT(S) FOR DO/EO/US<br>TABUCHI   |  |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |   |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).</li> <li>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input checked="" type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> A signed oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |  |   |  |
| <b>Items 11. to 16. below concern document(s) or information included:</b>   |  |   |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form 1449, 3 references.   |  |   |  |
| 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  |  |   |  |
| 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.<br><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.   |  |   |  |
| 14. <input type="checkbox"/> A substitute specification.   |  |   |  |
| 15. <input type="checkbox"/> A change of power of attorney and/or address letter.  |  |   |  |
| 16. <input checked="" type="checkbox"/> Other items or information: Credit Card Payment Form (PTO-2038), Application Data Sheet, Change of Address, Communication Regarding Requested Figure, Communication Under 37 CFR 1.32(c)(3), International Publication Page, Form PCT/ISA/210, Form PCT/IB/304, Form PCT/IB/308.   |  |   |  |

|  |              |   |            |  |           |
|--|--------------|---|------------|--|-----------|
| U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5)<br>Unknown <b>10/532888</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/013677                            |            | ATTORNEY'S DOCKET NUMBER<br>27 October 2003  |           |
| <b>BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):</b>   |              |   |            |  |           |
| [X] a) Basic National fee.....\$300.00   |              |   |            | \$300.00   |           |
| [X] b) Examination fee.....\$200.00  |              |   |            | \$200.00   |           |
| [X] c) Search fee.....\$500.00   |              |   |            | \$500.00   |           |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |            | <b>\$1000.00</b>   |           |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |   |            |  |           |
| Total Sheets   | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | Rate       |  |           |
| -100 =   | /50 =        |   | X \$250.00 | \$   |           |
| Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |   |            | \$   |           |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA  | RATE       |  |           |
| Total claims   | 10 -20 = 0   |   | X \$50.00  | \$0.00   |           |
| Independent claims   | 1 -3 = 0     |   | X \$200.00 | \$0.00   |           |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable)  |              |   | + \$360.00 | \$   |           |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |   |            | <b>\$1000.00</b>   |           |
| Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27   |              |   |            | \$   |           |
| <b>SUBTOTAL =</b>  |              |   |            | <b>\$1000.00</b>   |           |
| Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |   |            | + \$   |           |
| <b>TOTAL NATIONAL FEE =</b>  |              |   |            | <b>\$1000.00</b>   |           |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |            | + \$40.00  |           |
| <b>TOTAL FEES ENCLOSED =</b>   |              |   |            | <b>\$1040.00</b>   |           |
|  |              |   |            | Amount to be:  |           |
|  |              |   |            | refunded   | \$        |
|  |              |   |            | charged  | \$1040.00 |
| <p>a. [ ] Check(s) in the amount of \$ to cover the above fees is enclosed.</p> <p>b. [X] Please charge the amount of \$1040.00 to cover the required filing fee for a large entity to the credit card listed on the enclosed credit card authorization form.</p> <p>c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-3478.</p> |              |   |            |  |           |
| <p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>  |              |   |            |  |           |
| <p>SEND ALL CORRESPONDENCE TO:<br/>         Douglas P. Mueller<br/>         Hamre, Schumann, Mueller &amp; Larson, P.C.<br/>         P.O. Box 2902-0902<br/>         Minneapolis, MN 55402</p>   |              |   |            |  |           |
|  |              |   |            | <p>SIGNATURE: </p> <p>NAME: Douglas P. Mueller</p> <p>REGISTRATION NUMBER: 30,300</p> |           |

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: TABUCHI Serial No.: Unknown  
Filed: concurrent herewith Docket No.: 10873.1684USWO  
Title: CASE

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: ED 769615691 US  
Date of Deposit: APRIL 27, 2005

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
Name: RAQUEL ZAMORANO

COMMUNICATION REGARDING REQUESTED FIGURE

Mail Stop PCT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

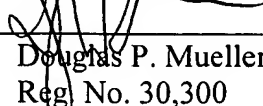
In connection with the above-identified application, applicant respectfully requests that Figure 6 be printed on the front page of the published application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicants' primary attorney-of record Douglas P. Mueller (Reg. No. 30,300), at (612) 455.3804.

Respectfully submitted,

Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902-0902  
Minneapolis, Minnesota 55402-0903  
(612) 455.3800

Dated: April 27, 2005

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM:nel

S/N Unknown

10/532888  
JC14 Rec'd PCT/PTO 27 APR 2005  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |                     |                 |                |
|-------------|---------------------|-----------------|----------------|
| Applicant:  | TABUCHI             | Examiner:       | Unknown        |
| Serial No.: | Unknown             | Group Art Unit: | Unknown        |
| Filed:      | Concurrent herewith | Docket:         | 10873.1684USWO |
| Title:      | CASE                |                 |                |

CERTIFICATE UNDER 37 CFR 1.10

Express Mail mailing label number: ED 769615691 US

Date of Deposit: APRIL 27, 2005

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 

Name: RAQUEL ZAMORANO

CHANGE OF ADDRESS

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Please change the correspondence address for the above-referenced patent application to:


Hamre, Schumann, Mueller & Larson, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402

If there are any questions regarding this matter, please call the undersigned at 612.455.3800.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902-0902  
Minneapolis, MN 55402-0903  
(612) 455-3800

Dated: April 27, 2005

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM:nel

**53148**

PATENT TRADEMARK OFFICE